

RF POWER AMPLIFIERS MODEL 8100-043



MODEL 8100-043

- 4 kHz to 400 MHz, 60/150W
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-043

RF Power Amplifier is a 60/150W power amplifier, designed primarily for EMC applications. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-043 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	4 kHz to 400 MHz
Nominal Output Power	60/150W
	4 kHz to 9 kHz: 60W
	9 kHz to 400 MHz: 150W
Gain Variation	4 kHz to 9 kHz: ± 3
	9 kHz to 400 MHz: ± 2
Harmonics	-20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	200/240 VAC \pm 10% Single Phase
Supply Frequency Range	47/63 Hz
Line Power	1000 VA
Mechanical	
Remote Interface	GPIO, LAN
RF Connectors	N-f
Physical	
Dimensions	19 in, 4U Case, 550 mm (21.7 in) Deep
Weight	27.0 kg (59.5 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount with Front Panel Connectors